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APPLICANT : NAGANO NOBAFUOOMU KK;

INVENTOR : TAGUCHI SUSUMU;

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TITLE : ANTISLIP MATERIAL

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a material having an excellent antislip effect by forming a foam of a synthetic resin containing a polyethylene prepared by polymerization in the presence of a metallocene catalyst.

SOLUTION: There is provided an antislip material made of a sheety or netlike foam prepared by molding a synthetic resin comprising a polyethylene prepared by polymerization in the presence of a metallocene and optionally other polymers and fillers with a tandem extruder composed of two extruders connected in series. A low-boiling solvent is poured into the middle of the first stage extruder, whereupon the molten resin is foamed into a high-expansion-ratio 1-3 mm thick sheet when it is extruded into a zone at atmospheric pressure. The solvent may be replaced by a thermally decomposable blowing agent. The sheety foam is formed by cut-opening a cylinder obtained by using a circular die. The netlike foam is formed by using a rotary die having a plurality of grooves at the same intervals between the inner and outer dies and extruding the molten resin through the grooves while rotating the dies in the opposite directions.

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